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Federal Office of Civil Aviation FOCA



Update Safety & Risk Management

Marc Keusch, Head Safety & Risk Management
May 8 2026 | Bern, Zentrum Paul Klee



Agenda



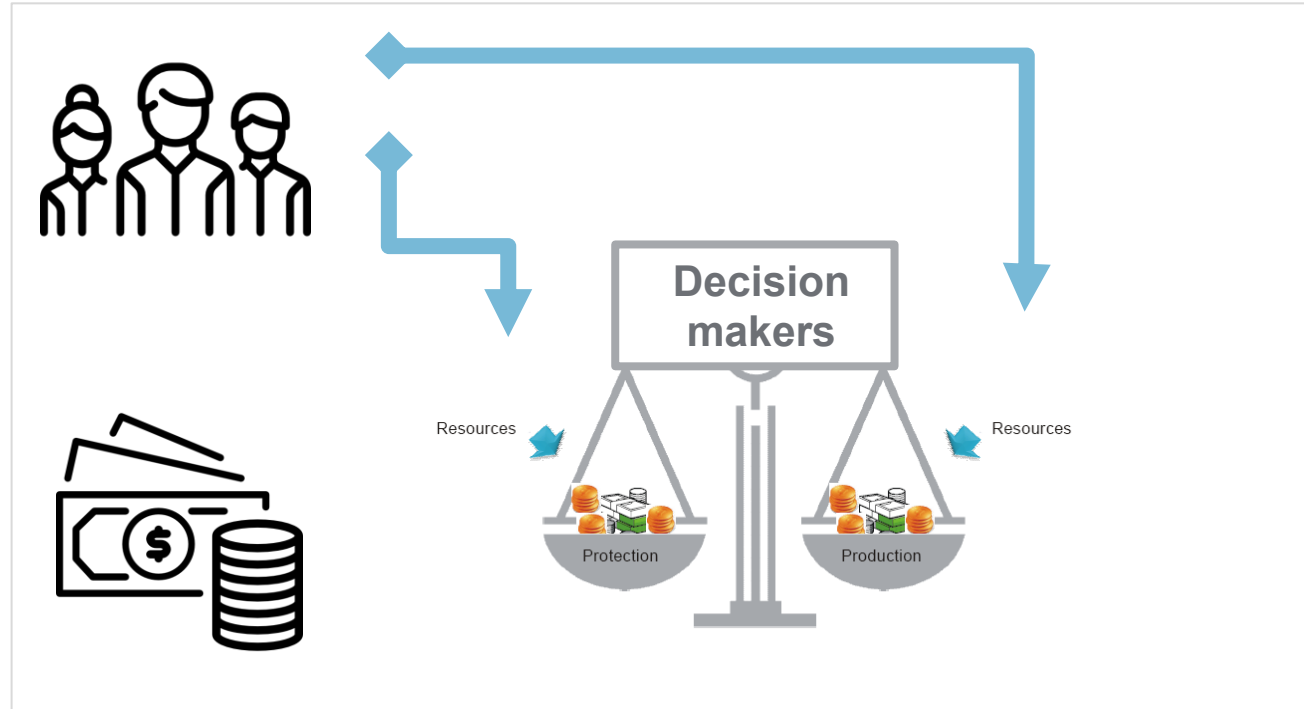
Data – Information – Knowledge

- Accidents/Serious Incidents
- Domain specific figures
- Operational / Systemic Safety Risks
- Conclusion and Outlook





Production vs. Protection



Today?
...and
tomorrow?



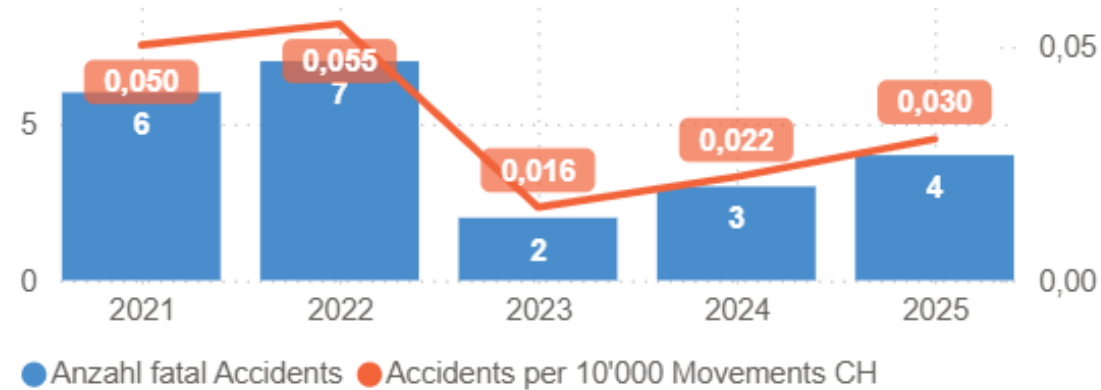
Are we still in balance?



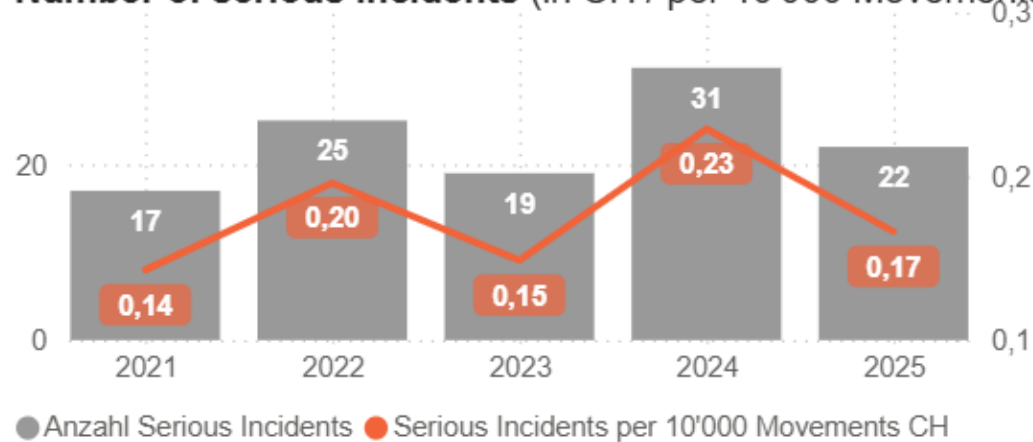
Accidents / Serious Incidents 2021-2025



Number of fatal Accidents (in CH / per 10'000 Movements)



Number of serious incidents (in CH / per 10'000 Movements)



Are we doing better?

- Just coincidence?
- Results of efforts?
- The law of small numbers



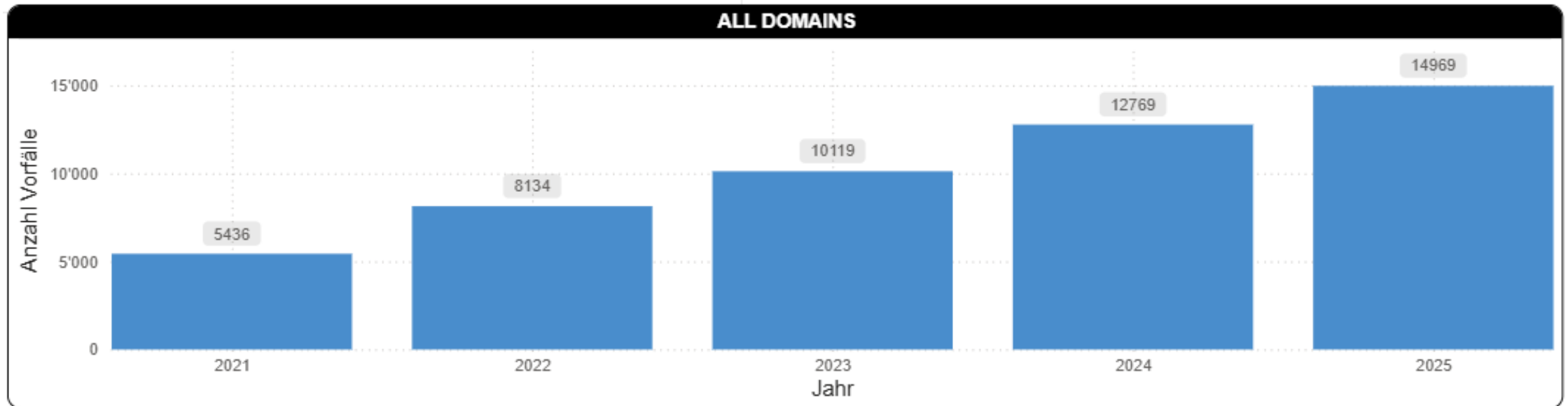
Occurrence Reporting System 376/2014



Almost 15'000 occurrence reports in 2025, after 10 years of implementation

More occurrences: less safe or just an improved reporting culture or both?

Difference between organisations/commercial OPS and General Aviation





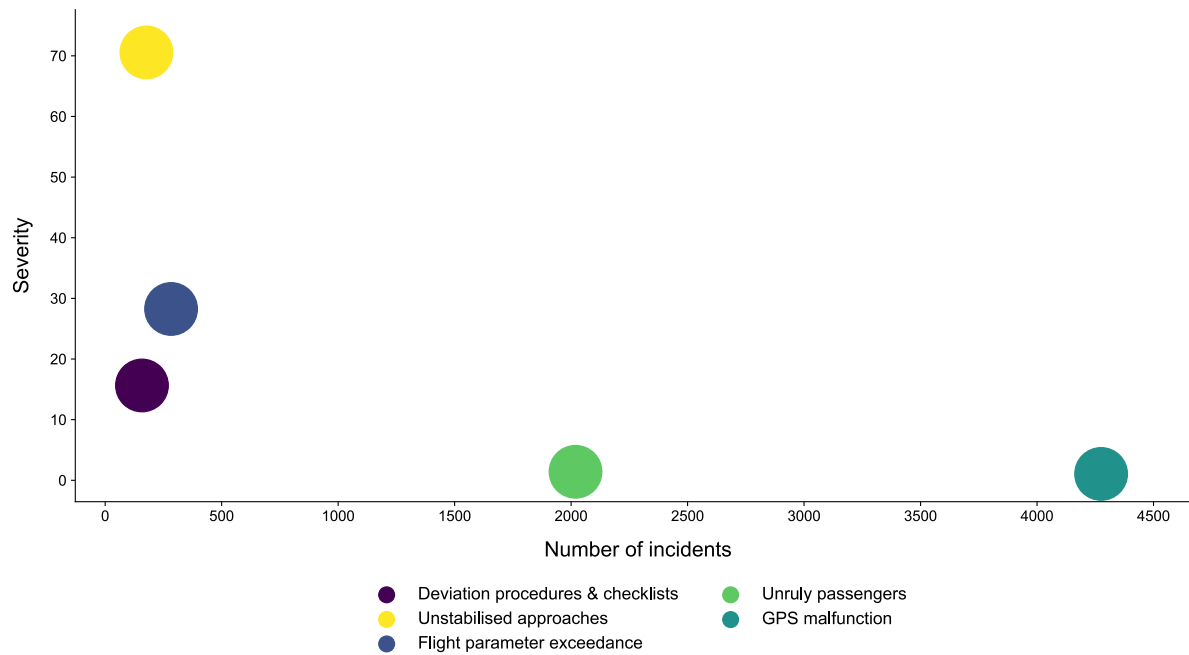
Aeroplane ops



5 Top Safety Issues

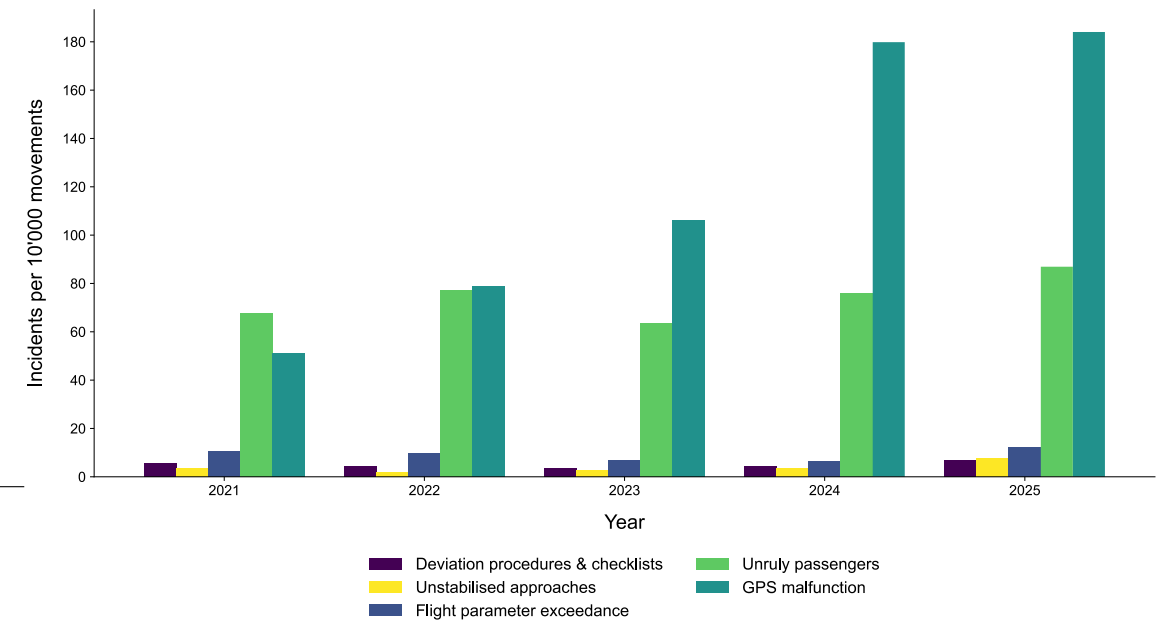
Overview of top safety issues in 2025

Flight operations



Top safety issues 2021-2025

Flight operations





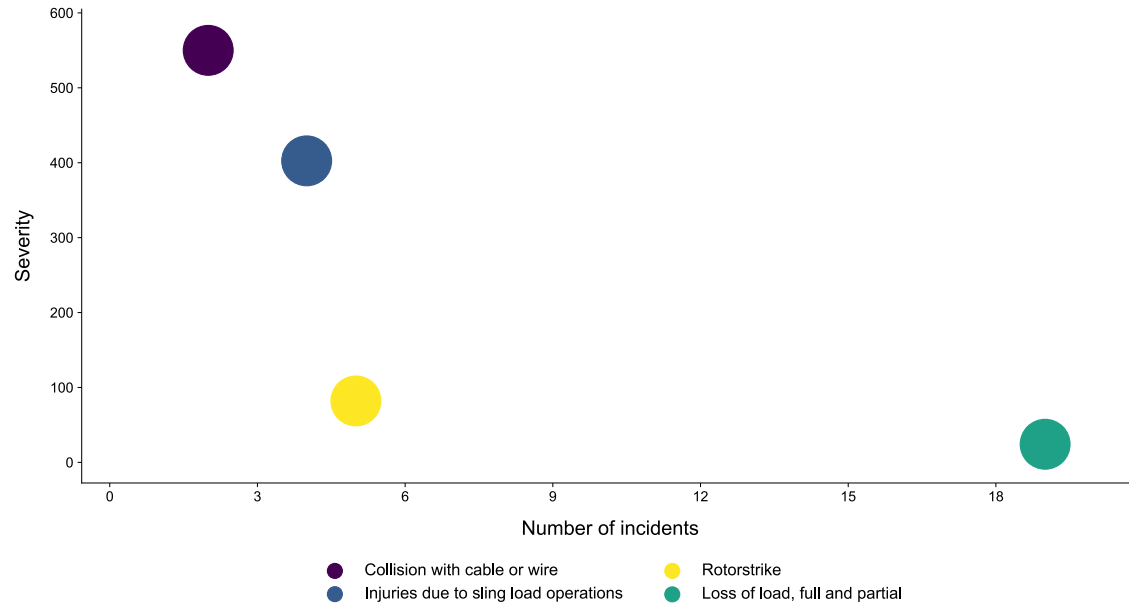
Helicopter ops



4 Top Safety Issues

Overview of top safety issues in 2025

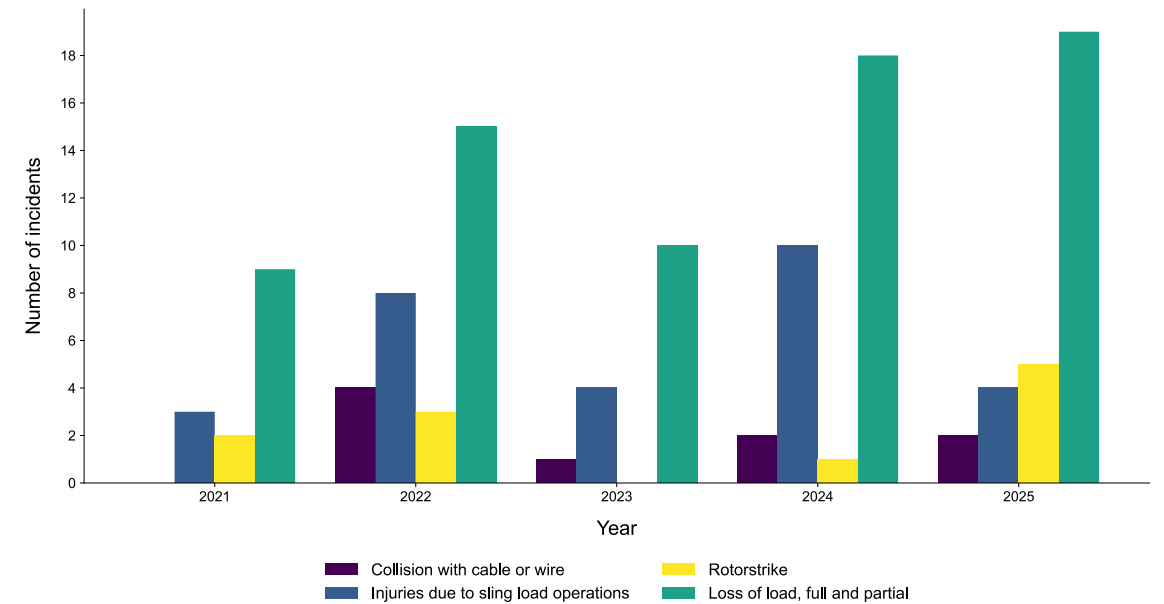
Helicopters



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Top safety issues 2021-2025

Helicopters



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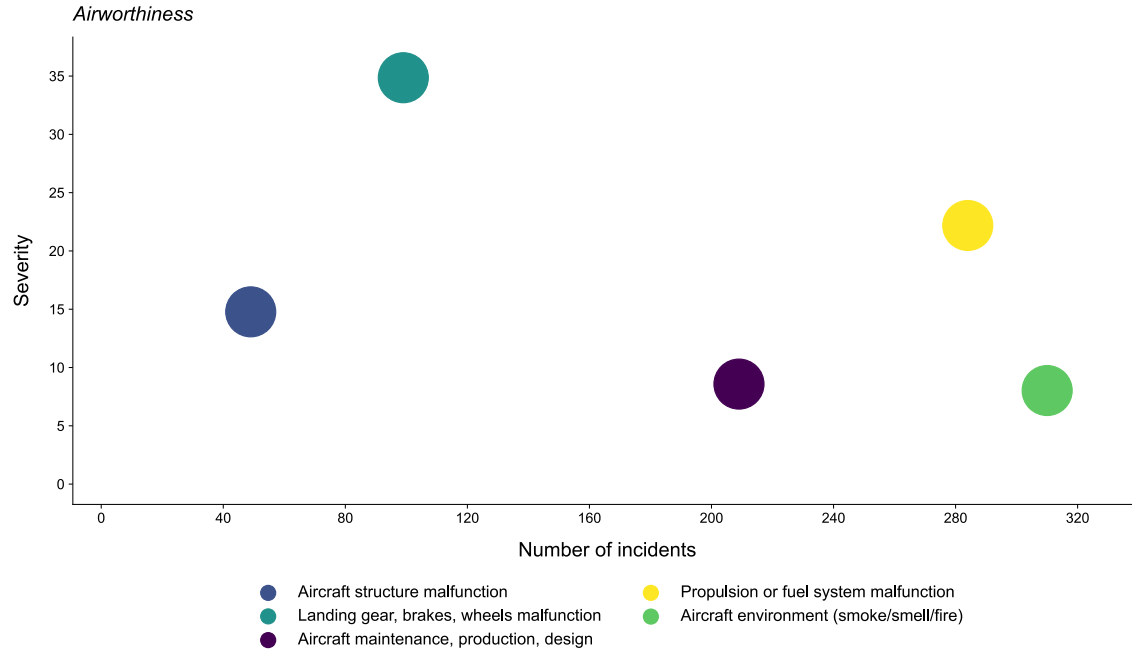


Technical failures



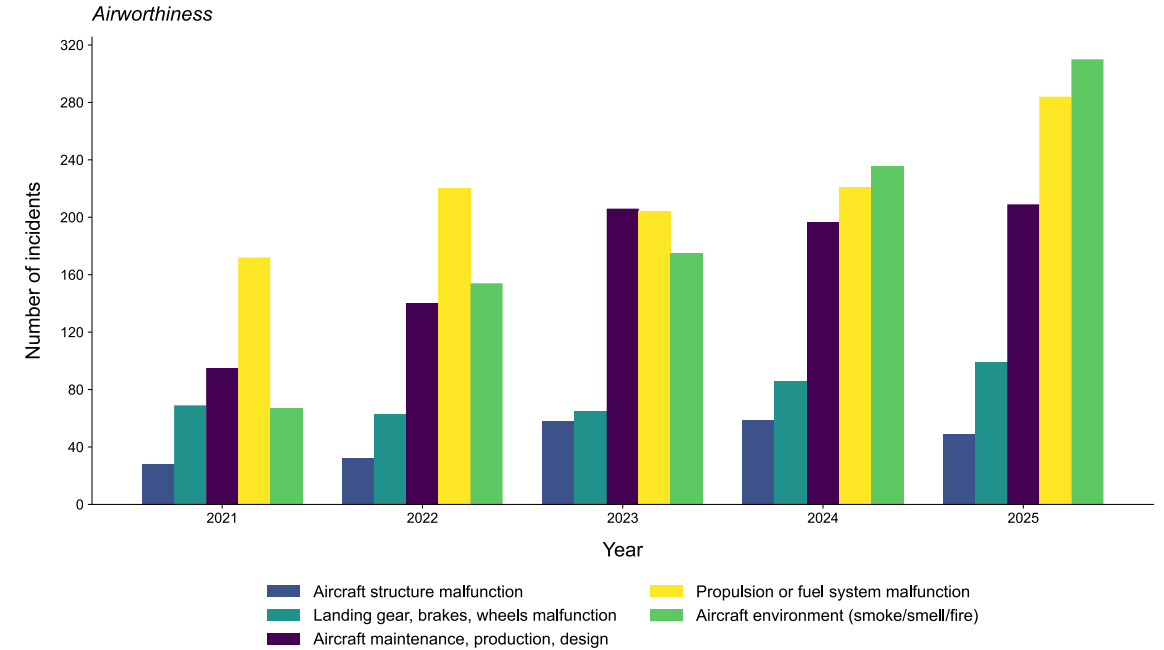
5 Top Safety Issues

Overview of top safety issues in 2025



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Top safety issues 2021-2025






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Operational Safety Risks



-  Airprox incidents with low severity and Airspace Infringements
-  Airprox between aircraft – AUS (reportings)
-  Unstabilized Approaches

No negative trend:

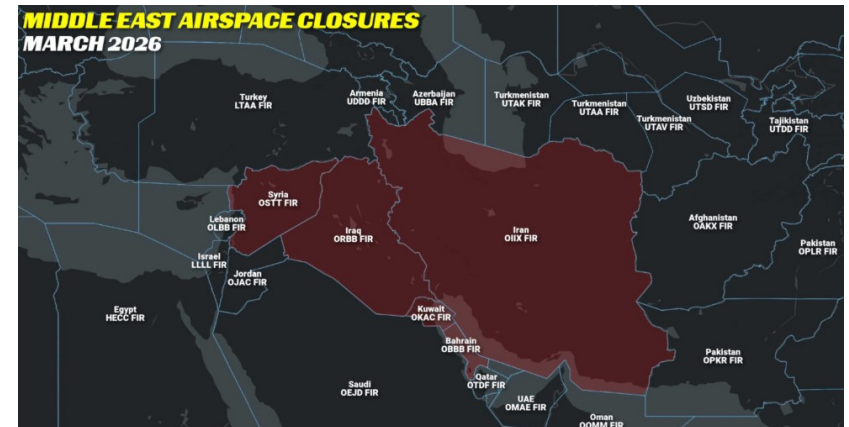
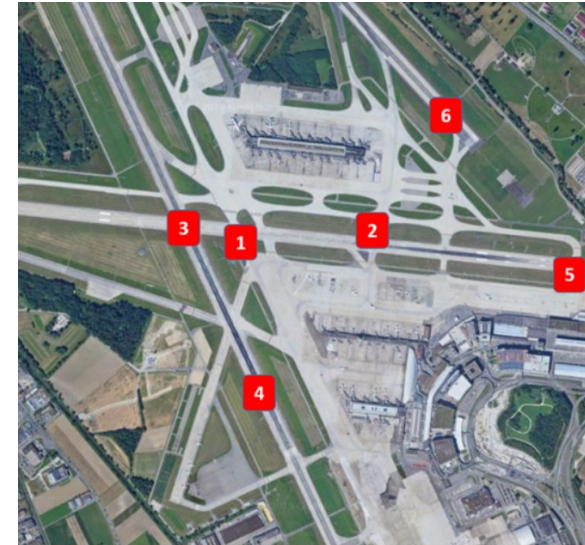
- Technical Malfunctions
- Birdstrikes
- Helicopter: same issues with SPO and training flights



Systemic Safety Risks



- Mid-Air Collision within or close to TMA ZRH or at specific hotspots (Delta/Echo airspace)
- Ground Collision at Zurich Airport between departing/landing aircraft and taxiing aircraft
- Various threats in crisis areas
- Fast-paced regulation environment





Conclusion



- No directional change with regards to main safety issues (RPBO)
- Weak signals are omnipresent, we are searching for blindspots
- Systemic issues: mitigations measures last a long time
- Safety culture is paramount!



Afternoon Safety Session (FORUM)



SRM Topics, Marc Keusch, FOCA



The meaning of ALARP, Phillipe Pilloud, easyJet



AI for troubleshooting, Martin Ricklin, SWISS

